

Claims

1. A method (101) for offering a service in an information network, **characterized** in that data related to a transaction are transferred (102) in an open network, said data are accepted (104) and the acceptor of the data is identified (107) through authentication performed in a closed network.
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2. A method according to claim 1, **characterized** in that said acceptance of data comprises steps in which
 - accepting the data related to said transaction is performed (104) by entering a code at a terminal (207) of a closed network,
 - 10 - said code entered at a terminal is identified and authenticated (105), and
 - said data related to the acceptance of a transaction are transferred (412, 413) to a service provider (203, 205) via a closed network.
3. A method according to claim 1, **characterized** in that said transaction is a commercial transaction (401).
- 15 4. A method according to claim 1, **characterized** in that said transaction is the digital signing (501) of a form.
5. A method according to claim 1, **characterized** in that the parties associated with the transfer of data are identified by a service provider (203, 205).
6. A method according to claim 1, **characterized** in that the parties associated with the transfer of data are identified by a reliable third party.
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7. A method according to claim 1, **characterized** in that said code entered at a terminal (207) is a PIN code that can be authenticated by a SIM card (220).
8. A method according to claim 1, **characterized** in that the decryption of data related to said transaction is performed using a service user's terminal (207).
- 25 9. A method according to claim 1, **characterized** in that the data related to the acceptance of said transaction are encrypted using a service user's terminal (207).
10. A method according to claim 1, **characterized** in that said transaction data are sent from a service user's system (201, 301) to a service provider's (203, 205) system via an open information network (202).

11. A method according to claim 1, **characterized** in that the data related to the acceptance of said transaction are sent to a service provider's (203, 205) system via a closed network (206).
- 5 12. An arrangement (200, 300) for offering a service in an information network, **characterized** in that the arrangement comprises an open (202) and a closed (206) information network, a means (208, 303) for transferring data related to a transaction in the open network, a means (213) for accepting said data, and a means (216) for identifying the acceptor of the data through authentication performed in the closed network.
- 10 13. An arrangement according to claim 12, **characterized** in that said acceptance of data further involves
 - a means (213) for accepting the data related to said transaction by entering a code at a terminal (207) of a closed network,
 - a means (214) for identifying and authenticating said code entered at a
15 terminal, and
 - a means (215) for transferring said data related to the acceptance of a transaction to a service provider (203, 205) via a closed network (206).
14. An arrangement according to claim 12, **characterized** in that said closed network (206) is a mobile telephone network.
- 20 15. An arrangement according to claim 12, **characterized** in that said open network (202) is the internet.
16. An arrangement according to claim 13, **characterized** in that said terminal (207) of a closed network is a wireless terminal.
17. An arrangement according to claim 16, **characterized** in that said terminal
25 (207) has a SIM card (220).
18. An arrangement according to claim 16, **characterized** in that an encryption key (221) is stored on the SIM card (220) of said terminal (207).
19. An arrangement according to claim 16, **characterized** in that said terminal (207) has a processor (222) for encrypting and decrypting data.